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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/565,693	565,693 01/23/2006 Gerardus T.S. Hubert		GB030122US1	7470
65913 NXP, B.V.	7590 06/04/200	EXAMINER		
	ECTUAL PROPERTY	MALZAHN, DAVID H		
1109 MCKAY	DRIVE	ART UNIT	PAPER NUMBER	
SAN JOSE, CA	95131	2193		
			NOTIFICATION DATE	DELIVERY MODE
			06/04/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

Office Action Summary		Applica	Application No. Applicar		ant(s)	
		10/565,	693	HUBERT, GERAI	HUBERT, GERARDUS T.S.	
		Examin	er	Art Unit		
		DAVID H	H. MALZAHN	2193		
Period fo	The MAILING DATE of this commun r Reply	ication appears on t	he cover sheet wit	th the correspondence ac	ddress	
WHIC - Exter after - If NO - Failur Any r	DRTENED STATUTORY PERIOD F HEVER IS LONGER, FROM THE M sions of time may be available under the provisions SIX (6) MONTHS from the mailing date of this comn period for reply is specified above, the maximum st e to reply within the set or extended period for reply seply received by the Office later than three months a d patent term adjustment. See 37 CFR 1.704(b).	IAILING DATE OF T of 37 CFR 1.136(a). In no on nunication. atutory period will apply and will, by statute, cause the a	THIS COMMUNIC event, however, may a re will expire SIX (6) MONT pplication to become ABA	CATION. eply be timely filed THS from the mailing date of this of the control o		
Status						
2a)⊠	Responsive to communication(s) file This action is FINAL . Since this application is in condition closed in accordance with the practi	2b)⊡ This action is for allowance excep	ot for formal matte	•	e merits is	
Dispositi	on of Claims					
5)⊠ 6)⊠ 7)□ 8)□	Claim(s) <u>1-19</u> is/are pending in the a 4a) Of the above claim(s) is/a Claim(s) <u>13,14 and 16-19</u> is/are allo Claim(s) <u>1-12 and 15</u> is/are rejected Claim(s) is/are objected to. Claim(s) are subject to restrict on Papers	re withdrawn from c wed.				
	The specification is objected to by th	o Evaminar				
10) 🗌 .	The drawing(s) filed on is/are: Applicant may not request that any obje Replacement drawing sheet(s) including The oath or declaration is objected to	a) accepted or lection to the drawing(s) the correction is requ	be held in abeyand lired if the drawing(ce. See 37 CFR 1.85(a). s) is objected to. See 37 C		
Priority u	nder 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
2) Notice (3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (Foration Disclosure Statement(s) (PTO/SB/08) of No(s)/Mail Date	PTO-948)	Paper No(s)	ummary (PTO-413))/Mail Date formal Patent Application 		

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Flora, 5,343,417.

Flora's Figs. 3A-3F clearly show an adder circuit for summing a plurality of addends (the cross product ab terms) from multi-bit words (A and B) comprising a network of n-input carry-save adder circuits (the FAs) with the adder circuits being arranged in a plurality of columns (the FAs whose sum outputs are involved in the generation of a particular P bit are in a column, e.g. the FAs with outputs L_{31} and J_{31}) and in a plurality of levels (e.g. levels L1-L4) with the first level receiving a number of addends from corresponding bit positions of selected ones of the plurality of words (e.g. a_1 b_1 and a_2 b_2) and the lower levels each receiving addends from one or more of (i) – (iii), (e.g. the sum output L_{31} meets condition ii) wherein the number of n-input adders in each column varies according to the bit position (e.g. the FAs in the two rightmost columns of Fig. 3C).

Relative to applicant's remarks, the preceding paragraph clearly shows how the claims are being read on Flora. Applicant's remarks relative to element 21 and the serial adder are not pertinent.

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Claim Rejections - 35 USC § 112

3. Claims 8 and 15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In line 2 of claim 8 "two", both occurrences, should be "one" because if n is three then sum is expressed with a single sum bit and a single carry bit. In the last line of claim 15, "first" should be "second", note the last paragraph of claim 13.

Allowable Subject Matter

4. Claims 13, 14 and 16-19 are allowed.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID H. MALZAHN whose telephone number is (571)272-

3727. The examiner can normally be reached on M-Th from 7:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis A. Bullock Jr, can be reached on 571-272-3759. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/David H. Malzahn/ Primary Examiner, Art Unit 2193 David H. Malzahn Primary Examiner Art Unit 2193